

ABSTRACT

Disclosed herein are an electrically conductive
5 resinous composition composed mainly of an electrically
conductive carbon powder and a binding agent, wherein said
binding agent is a mixture of a thermoplastic resin and a
carbodiimide compound, a fuel cell separator and a process
for production thereof, and polymer electrolyte fuel cell.
10 The present invention permits efficient mass production of
fuel cell separators having high elasticity, good
releasability, good dimensional accuracy, and good gas
impermeability. The polymer electrolyte fuel cell, in which
all or part of separators are those pertaining to the
15 present invention, is immune to the cracking of separators
at the time of assembling, decreases only a little in output
after continuous operation, and exhibits good gas sealing
performance and high impact resistance.